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January 28, 2002 Date	 Gina N. Shishima

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FEB 28 2002
TECH CENTER 1600/2900

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:
Yu

Serial No.: 09/841,720

Filed: April 24, 2001

For: MU OPIOID RECEPTOR METHODS (as amended)

Group Art Unit: 1647

Examiner: Unknown

Atty. Dkt. No.: INDA:002USD1

**STATEMENT AS REQUIRED UNDER 37 C.F.R. § 1.825(a) AND (b)
AND STATEMENT AS REQUIRED UNDER 37 C.F.R. § 1.821(g)**

BOX SEQUENCE

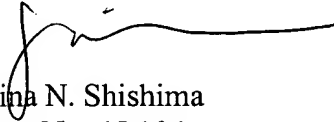
Commissioner for Patents
Washington, D.C. 20231

Commissioner:

Submitted herewith is a substitute computer readable form and a substitute paper copy of the sequence listing of those sequences in the captioned patent application, wherein minor errors have been corrected. The substitute computer readable form of the sequence listing is the same as the substitute paper copy of the sequence listing. The sequence information provided in the Specification is also the same as the sequence listing of the enclosed substitute computer readable and paper forms of the sequence listing.

In accordance with 37 C.F.R. § 1.821(g), it is herewith represented that no new matter is included with this submission.

Respectfully submitted,



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Reg. No. 45,104
Attorney for Applicant

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600 Congress Avenue, Suite 2400
Austin, Texas 78701
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(512) 536-4598 (facsimile)

Date: January 28, 2002



SEQUENCE LISTING

RECEIVED #8
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TECH CENTER 1600/2900

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<120> MU OPIOID RECEPTOR: COMPOSITIONS AND METHODS

<130> INDA:002USD1

<140> 09/841,720

<141> 2001-04-24

<150> 08/120,601

<151> 1993-09-13

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Phe	Thr	Ser	Ile	Phe	Thr	Leu	Cys	Thr	Met	Ser	Val	Asp	Arg	Tyr	Ile		
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Asp	Cys	Thr	Leu	Thr	Phe	Ser	His	Pro	Thr	Trp	Tyr	Trp	Glu	Asn	Leu		
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ctc	aaa	atc	tgt	gtc	ttt	atc	ttc	gct	ttc	atc	atg	ccg	atc	ctc	atc	954	
Leu	Lys	Ile	Cys	Val	Phe	Ile	Phe	Ala	Phe	Ile	Met	Pro	Ile	Leu	Ile		
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 Thr Phe Gln Thr Val Ser Trp His Phe Cys Ile Ala Leu Gly Tyr Thr
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165 170 175

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Val Val Gln Leu Val Asn Val Phe Ala Glu Gln Asp Asp Ala Thr Val
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Ser Gln Leu Ser Val Ile Leu Gly Tyr Ala Asn Ser Cys Ala Asn Pro
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Ile Leu Tyr Gly Phe Leu Ser Asp Asn Phe Lys Arg Ser Phe Gln Arg
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Ile Leu Cys Leu Ser Trp Met Asp Asn Ala Ala Glu Glu Pro Val Asp
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Tyr Tyr Ala Thr Ala Leu Lys Ser Arg Ala Tyr Ser Val Glu Asp Phe
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Gln Thr Glu Pro Tyr Tyr Asp Met Thr Ser Asn Ala Val Leu Thr Phe
35 40 45

Ile Tyr Phe Val Val Cys Val Val Gly Leu Cys Gly Asn Thr Leu Val
50 55 60

Ile	Tyr	Val	Ile	Leu	Arg	Tyr	Ala	Lys	Met	Lys	Thr	Ile	Thr	Asn	Ile	65	70	75	80
Tyr	Ile	Leu	Asn	Leu	Ala	Ile	Ala	Asp	Glu	Leu	Phe	Met	Leu	Gly	Leu	85	90	95	
Pro	Phe	Leu	Ala	Met	Gln	Val	Ala	Leu	Val	His	Trp	Pro	Phe	Gly	Lys	100	105	110	
Ala	Ile	Cys	Arg	Val	Val	Met	Thr	Val	Asp	Gly	Ile	Asn	Gln	Phe	Thr	115	120	125	
Ser	Ile	Phe	Cys	Leu	Thr	Val	Met	Ser	Ile	Asp	Arg	Tyr	Leu	Ala	Val	130	135	140	
Val	His	Pro	Ile	Lys	Ser	Ala	Lys	Trp	Arg	Arg	Pro	Arg	Thr	Ala	Lys	145	150	155	160
Met	Ile	Asn	Val	Ala	Val	Trp	Gly	Val	Ser	Leu	Leu	Val	Ile	Leu	Pro	165	170	175	
Ile	Met	Ile	Tyr	Ala	Gly	Leu	Arg	Ser	Asn	Gln	Trp	Gly	Arg	Ser	Ser	180	185	190	
Cys	Thr	Ile	Asn	Trp	Pro	Gly	Glu	Ser	Gly	Ala	Trp	Tyr	Thr	Gly	Phe	195	200	205	
Ile	Ile	Tyr	Ala	Phe	Ile	Leu	Gly	Phe	Leu	Val	Pro	Leu	Thr	Ile	Ile	210	215	220	
Cys	Leu	Cys	Tyr	Leu	Arg	Ile	Ile	Ile	Lys	Val	Lys	Ser	Ser	Gly	Ile	225	230	235	240
Arg	Val	Gly	Ser	Ser	Lys	Arg	Lys	Lys	Ser	Glu	Lys	Lys	Val	Thr	Arg	245	250	255	
Met	Val	Ser	Ile	Val	Val	Ala	Val	Phe	Ile	Phe	Cys	Trp	Leu	Pro	Phe	260	265	270	
Tyr	Ile	Phe	Asn	Val	Ser	Ser	Val	Ser	Val	Ala	Ile	Ser	Pro	Thr	Pro	275	280	285	
Ala	Leu	Lys	Gly	Met	Phe	Asp	Phe	Val	Val	Ile	Leu	Thr	Tyr	Ala	Asn	290	295	300	
Ser	Cys	Ala	Asn	Pro	Ile	Leu	Tyr	Ala	Phe	Leu	Ser	Asp	Asn	Phe	Lys	305	310	315	320
Lys	Ser	Phe	Gln	Asn	Val	Leu	Cys	Leu	Val	Lys	Val	Ser	Gly	Ala	Glu	325	330	335	
Asp	Gly	Glu	Arg	Ser	Asp	Ser	Lys	Gln	Asp	Lys	Ser	Arg	Leu	Asn	Glu	340	345	350	
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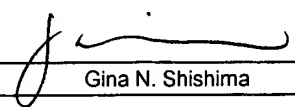
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360

365

Ile



CERTIFICATE OF MAILING 37 C.F.R. 1.8	
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<u>January 28, 2002</u> Date	 Gina N. Shishima

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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:
Yu

Serial No.: 09/841,720

Filed: April 24, 2001

For: MU OPIOID RECEPTOR METHODS (as amended)

Group Art Unit: 1647

Examiner: Unknown

Atty. Dkt. No.: INDA:002USD1

RESPONSE TO NOTICE TO COMPLY WITH REQUIREMENTS FOR PATENT APPLICATIONS CONTAINING NUCLEOTIDE SEQUENCE DISCLOSURES

BOX SEQUENCE

Commissioner for Patents
Washington, DC 20231

Commissioner:

This paper is submitted in response to the Notice to Comply with Requirements for Patent Applications Containing Nucleotide Sequence Disclosures mailed October 26, 2001, for which the two month date for response was December 26, 2001. A Statement as Required Under 37 C.F.R. § 1.825(a) and (b) and Statement as Required Under 37 C.F.R. § 1.821(g) has been included herewith, including a computer readable form.

A request for a one-month extension of time to respond is included herewith along with the required fee. This one-month extension will bring the due date to January 28, 2002 (since January 26, 2002 falls on a weekend), which is within the six-month statutory period. Should such request or fee be deficient or absent, consider this paragraph such a request and

authorization to withdraw the appropriate fee under 37 C.F.R. §§ 1.16 to 1.21 from Fulbright & Jaworski L.L.P. Account No.: 50-1212/10103856/GNS.

Respectfully submitted,



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Date: January 28, 2002



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APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
09/841,720	04/24/2001	Lei Yu	INDA:002USD1

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Austin, TX 78701



CONFIRMATION NO. 6286

FORMALITIES LETTER



OC000000006972971

Date Mailed: 10/26/2001

NOTICE TO COMPLY WITH REQUIREMENTS FOR PATENT APPLICATIONS CONTAINING NUCLEOTIDE SEQUENCE AND/OR AMINO ACID SEQUENCE DISCLOSURES

Applicant is given **TWO MONTHS FROM THE DATE OF THIS NOTICE** within which to file the items indicated below to avoid abandonment. Extensions of time may be obtained under the provisions of 37 CFR 1.136(a).

- The paper or compact disc copy of the "Sequence Listing" is not the same as the computer readable form of the "Sequence Listing" as required by 37 CFR 1.821(e). Applicant must provide a substitute paper or compact disc copy of the "Sequence Listing", as well as an amendment directing its entry into the application OR a substitute computer readable form (CRF) copy of the "Sequence Listing". These two items must be the same. Applicant must also provide a statement that the content of the sequence listing information recorded in computer readable form is identical to the written (on paper or compact disc) sequence listing and, where applicable, includes no new matter, as required by 37 CFR 1.821(e), 1.821(f), 1.821(g), 1.825(b), or 1.825(d). If the effective filing date is on or after September 8, 2000, see the final rulemaking notice published in the Federal Register at 65 FR 54604 (September 8, 2000) and 1238 OG 145 (September 19, 2000).

For questions regarding compliance to these requirements, please contact:

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- To Purchase PatentIn Software, call (703) 306-2600
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*A copy of this notice **MUST** be returned with the reply.*

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